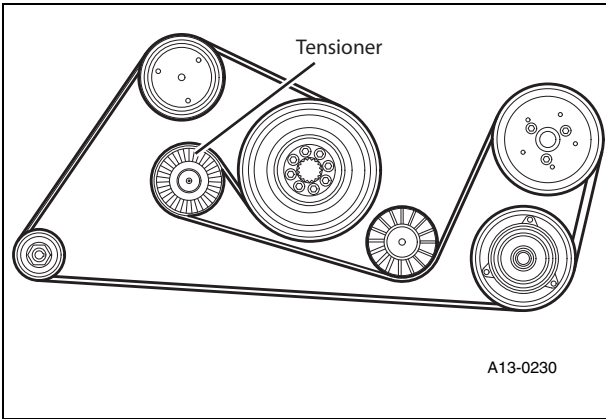


# 03-40 Maintenance

## Engine Accessory Belt



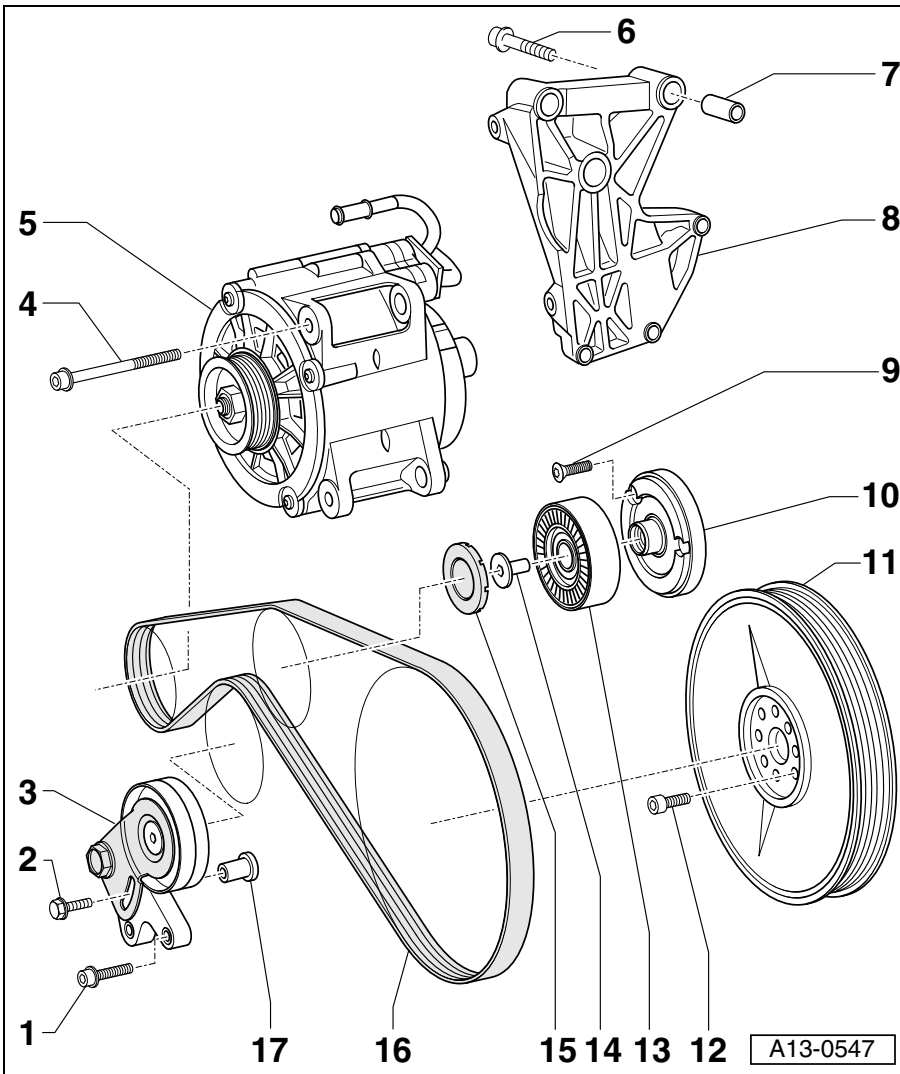
When reinstalling belt:

- Note correct belt routing in illustration.
- If reusing belt, install in direction of rotation marked previously.
- Be sure belt is seated correctly in pulley grooves.
- Place belt on vibration damper and idler pulleys first. Position belt on tensioner pulley last.

- Use 19 mm box wrench to release tension and remove steel drift.
- Reinstall viscous fan. Note that viscous fan threads are left-handed.

Tightening torques	
Fan shroud to radiator	10 Nm (7 ft-lb)
Viscous fan to fan pulley:	
• Using 3312 open end wrench	37 Nm (27 ft-lb)
• Without 3312 open end wrench	70 Nm (52 ft-lb)

- Run engine briefly to make sure belt routing is correct. Then reinstall lock carrier, front bumper and engine covers.



### Alternator belt and components (V8 engine, allroad quattro)

1. Belt tensioner mounting bolt, 22 Nm (16 ft-lb)
2. Belt tensioner lock bolt, 22 Nm (16 ft-lb)
3. Belt tensioner
4. Alternator mounting bolt, 22 Nm (16 ft-lb)
5. Alternator
6. Alternator bracket mounting bolt, M8: 22 Nm (16 ft-lb), M10: 46 Nm (34 ft-lb)
7. Bushing
8. Alternator bracket
9. Idler pulley mounting bracket bolt, 10 Nm (7 ft-lb)
10. Idler pulley mounting bracket
11. Front pulley (vibration damper)
12. Vibration damper mounting bolt, bolt class 12.9, 42 Nm (31 ft-lb)
13. Idler pulley
14. Idler pulley mounting bolt, 22 Nm (16 ft-lb)
15. Trim cover
16. Alternator belt (serpentine belt), mark direction of rotation before removing
17. Threaded bushing